BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Modified Estimate for Construction of Anganawadi building at Srirampura in Ward No. 05 Byatarayanapura Sub Division**

Modified Estimated Cost : **737935.82**

Job Code : **005-19-000030**

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Modified Estimate for Construction of Anganawadi building at Srirampura in Ward No. 05 Byatarayanapura Sub Division

					Estimate Cost Rs.			737935.82	
	Center Line:-8.77+8.77+5.77+5.77+5.77+4.38 = 39.23								
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2016-17	Cum							
	Anganavadi Building		1	10.00	6.00	0.20	12.00		
	As per Tender Qty 11.64						**12.00**	TR 149.89	**1798.68**
	up to 125% Qty 14.55								
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2016-17	Cum							
	Anganavadi Building								
	Foundation		1	39.23	0.90	0.90	31.78		
	Column		9	1.80	1.80	1.80	52.49		
	Sump Tank		1	1.80	2.40	2.25	9.72		
							93.98		
	Deduction of Columns		1X9	1.80	0.90	0.90	13.12		
							13.12		
	As per Tender Qty 47.54						**80.86**		
	up to 125% Qty 59.43						**59.43**	TR 180.44	**10723.55**
	above 125% Qty						**21.43**	TR 180.44	**3867.24**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 2.8 : Providing and filling in foundation with granite/trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. Specification. No. KBS, No. 6/ Item No. 2.15/ PWD SR 2016-17	Cum							
	Anganavadi Building		1	39.23	0.90	0.20	7.06		
			9	1.80	1.80	0.20	5.83		
	Sump Tank		1	1.80	2.40	0.20	0.86		
							13.76		
	Deduction of Columns		1X9	1.80	0.90	0.20	2.92		
	As per Tender Qty 5.68						**10.84**		
	up to 125% Qty 7.10						7.10	TR 2018.28	**14329.79**
	above 125% Qty						**3.74**	TR 2018.28	**7551.19**
4	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	cum							
	Anganavadi Building								
	Walls		1	39.23	0.90	0.15	5.30		
	For Columns		9	1.80	1.80	0.15	4.37		
	Flooring		1	8.54	5.54	0.10	4.73		
	Sump Tank		1	1.80	2.40	0.15	0.65		
							15.05		
	Deduction Columns		1X9	1.80	0.90	0.15	2.19		
	As per Tender Qty 8.91						**12.86**		
	up to 125% Qty 11.14						11.14	TR 4646.62	**51763.35**
	above 125% Qty						1.72	TR 4646.62	**8002.46**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 5.3-1 Providing and constructing granite / trap / basalt size stone masonry in basement with mud mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2016-17	Cum							
	Anganavadi Building		1	39.23	0.6 +0.45	0.60	12.36		
					2				
							12.36		
	Deduction of Columns		1X9	0.23	0.23	0.60	0.29		
	As per Tender Qty 9.37						**12.07**		
	up to 125% Qty 11.71						**11.71**	TR 4778.37	**55954.71**
	above 125% Qty						**0.36**	TR 4778.37	**1728.77**
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2016-17	Cum							
	Foundation		1	39.23	0.90	0.90	31.78		
	Column's		9	1.80	1.80	1.15	33.53		
							65.31		
	Deduction of Column's		1X9	1.80	0.90	0.90	13.12		
	As per Tender Qty 24.25						**52.19**		
	up to 125% Qty 30.21						30.21	TR 121.25	**3662.96**
	above 125% Qty						21.98	TR 121.25	**2664.87**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17	Cum							
	Coloum's Footing		9	1.80	1.80	0.50	14.58		
	Coloum's		9	0.23	0.45	5.10	4.75		
	Plinth Concrete		1	39.23	0.30	0.30	3.53		
	Lintel		1	39.23	0.23	0.15	1.35		
	Chajjas		5	1.20	0.45	0.10	0.27		
	Roof		1	9.00	6.60	0.15	8.91		
	Tye Beams		1	39.23	0.23	0.20	1.80		
	Sump Tank		1	1.66	2.26	0.15	0.56		
	Sump Tank Floor		1	1.20	1.80	0.10	0.22		
	Sump Tank Cover Slab		1	0.80	0.80	0.10	0.06		
	Stare Case waste slab		1	3.50	0.75	0.12	0.32		
	Landing		1	5.23	0.75	0.12	0.47		
	Stepps		21x.05	0.75	0.23	0.15	0.03		
	Roof Concrete		1	9.00	6.60	0.075	4.46		
							41.31		
	Deduction Plinth		1X9	0.30	0.45	0.15	0.18		
	Lintel		1X9	0.23	0.20	0.15	0.06		
	Beem		1X9	0.23	0.45	0.15	0.14		
	Roof		1X9	0.23	0.45	0.15	0.14		
	Sump Tank Open		1	0.60	0.60	0.15	0.05		
							0.58		
	As per Tender Qty 20.53						**40.73**		
	up to 125% Qty 25.66						25.66	TR 5738.82	**147258.12**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	above 125% Qty						15.07	TR 5738.82	**86496.49**
8	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2016-17	Qntl							
	112Kg / Cum		0.112	36.27			4.06		
	As per Tender Qty 1.96						**4.06**		
	up to 125% Qty 2.45						2.45	TR 57862.72	**141763.66**
	above 125% Qty						**1.61**	TR 57862.72	**93302.68**
9	KSRB 6-2.3 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 27/ Item No. 6.6/ PWD SR 2016-17	Cum							
	Sump Tank		2	2.66	0.23	1.80	2.20		
	Sump Tank		2	1.20	0.23	1.80	0.99		
	As per Tender Qty 14.17						**3.20**	TR 6382.3	**20398.34**
17	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15/ Item No. 4.29.2/ PWD SR 2016-17	**Sqm**							
	For Coloumns		2X9	0.45	5.10		41.31		
			2X9	0.23	5.10		21.11		
	Roof		1	9.00	6.60		59.40		
	Stare Case waste slab		1	3.50	0.75		2.63		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Landing		1	5.23	0.75		3.92		
	Stepps		21	0.75	0.23		3.62		
	As per Tender Qty 56.55						**131.99**		
	up to 125% Qty 70.69						70.69	TR 525.10	**37119.32**
	above 125% Qty						61.30	TR 525.10	**32190.73**
18	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR 2016-17	**Sqm**							
	Chajjas		5	1.20	0.45		2.70		
	Lintel		2	39.23	0.20		15.69		
	As per Tender Qty 56.55						**18.39**	TR 257.77	**4740.91**
	Extra Items								
1	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50 m and removing the debris to a distance upto 200m, No. 270/ Item No. 37.48 PWD SR 2018-19	Cum							
	SSM		3	6.80	0.45	0.90	8.26		
			2	5.00	0.45	0.90	4.05		
							12.31	292.68	**3603.00**
	Basic Rate	271.00							
	Area Weightage @ 8%	21.68							
	Total	**292.68**							
2	Dismantling burnt brick masonry in clay mortar / lime mortar / cement mortar and stacking the bricks within a radius of 50 m and removing the debris to a distance upto 200m, No. 270/ Item No. 37.47 PWD SR 2018-	Cum							
	SSM		3	6.80	0.23	3.50	16.42		
			2	5.00	0.23	3.50	8.05		
							16.42	266.76	**4381.00**
	Basic Rate	247.00							
	Area Weightage @ 8%	19.76							
	Total	**266.76**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.No. 139/ Item No. 18.17 PWD SR 2018-19	cum							
	For Roof Slab		1	9.00	7.00	0.15	9.45		
							9.45	490.32	**4634.00**
	Basic Rate	454.00							
	Area Weightage @ 8%	36.32							
	Total	**490.32**							
								Total	**737935.82**

1 Estimate Sanction amount Rs =10,00,000.00
2 Tender Agriment Amount Rs =7,39,011.57 (Excluding GST)
3 Tender Premium = 11.59% Below

Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For Rs 737935.82
Head of A/C 12.1771
CER NO : 39 Dt. 30.03.2020

TA to CE (YNK)